

## UW Alumni Survey Results 2014-2015 UNDERGRADUATE Degree Recipients

Materials Science      College Of      All Professional      UW Seattle  
And Engineering      Engineering

<b>Graduates Surveyed</b>								
	N	%	N	%	N	%	N	%
Total	58	100%	745	100%	2599	100%	7238	100%
Women	12	21%	167	22%	1219	47%	3947	55%
Men	46	79%	578	78%	1380	53%	3291	45%
African American	1	2%	11	1%	84	3%	232	3%
American Indian	0	0%	9	1%	36	1%	101	1%
Asian American	19	33%	186	25%	677	26%	1913	26%
Caucasian	29	50%	361	48%	1285	49%	3393	47%
Hawaiian/Pacific Islander	1	2%	6	1%	22	1%	60	1%
Hispanic/Latino	0	0%	37	5%	170	7%	458	6%
Other/Not Indicated	8	14%	135	18%	325	13%	1081	15%
International	7	12%	122	16%	271	10%	931	13%

<b>Survey Response Rates</b>								
	N	%	N	%	N	%	N	%
Total	21	36%	234	31%	800	31%	2184	30%
Women	6	29%	62	26%	392	49%	1277	58%
Men	15	71%	172	74%	408	51%	907	42%
African American	0	0%	1	0%	22	3%	58	3%
American Indian	0	0%	4	2%	9	1%	29	1%
Asian American	9	43%	62	26%	221	28%	623	29%
Caucasian	10	48%	126	54%	422	53%	1116	51%
Hawaiian/Pacific Islander	0	0%	2	1%	6	1%	17	1%
Hispanic/Latino	0	0%	15	6%	49	6%	131	6%
Other/Not Indicated	2	10%	24	10%	71	9%	210	10%
International	2	10%	22	9%	60	8%	169	8%

<b>Current Status</b>								
	N	%	N	%	N	%	N	%
Employed for pay full time	13	62%	165	71%	592	74%	1330	61%
Employed for pay part time	0	0%	4	2%	33	4%	183	8%
Participating in a volunteer or service program	0	0%	1	0%	8	1%	35	2%
Serving in the U.S. military	0	0%	2	1%	3	0%	12	1%
Enrolled in a program of continuing education	7	33%	36	15%	97	12%	336	15%
Planning to continue education	0	0%	4	2%	10	1%	76	3%
Seeking employment	0	0%	19	8%	41	5%	133	6%
Not seeking employment or continuing education	0	0%	1	0%	5	1%	18	1%
Other	1	5%	2	1%	11	1%	61	3%

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**Employed Full Time or Part time****Type of employment**

	N	%	N	%	N	%	N	%
Employee working for a company or organization	11	92%	150	94%	549	92%	1287	89%
Entrepreneur/self-employed	0	0%	0	0%	8	1%	28	2%
Temporary/contract work assignment	1	8%	7	4%	26	4%	80	6%
Freelance	0	0%	0	0%	3	1%	11	1%
Postgraduate internship or fellowship	0	0%	3	2%	11	2%	28	2%
Other	0	0%	0	0%	2	0%	14	1%

**Career related**

	N	%	N	%	N	%	N	%
Yes	11	92%	153	96%	534	89%	1173	81%
No	1	8%	7	4%	66	11%	276	19%

**Job location**

	N	%	N	%	N	%	N	%
King, Pierce, Snohomish counties	9	75%	100	63%	405	69%	1033	72%
Other Washington	1	8%	10	6%	28	5%	58	4%
Alaska, Idaho, Oregon	0	0%	4	3%	13	2%	30	2%
California, Hawaii	0	0%	15	9%	54	9%	86	6%
Mountain states	0	0%	5	3%	9	2%	23	2%
Central states	0	0%	6	4%	17	3%	32	2%
Eastern states	0	0%	8	5%	29	5%	64	4%
International	2	17%	10	6%	36	6%	103	7%

**Type of employer**

	N	%	N	%	N	%	N	%
Private	9	75%	124	85%	389	72%	853	66%
Non-profit/NGO	0	0%	1	1%	46	8%	146	11%
Government	0	0%	14	10%	68	13%	196	15%
Other	3	25%	7	5%	39	7%	107	8%

**Search time (weeks)**

	N		N		N		N	
	11		129		473		1065	
Mean	19.3		11.8		8.6		7.8	
SD	15		10		9		9	
Range	1 54		0 54		0 54		0 54	

**Salary**

	N		N		N		N	
	8		110		388		823	
Mean	61,973		67,756		58,575		50,807	
SD	11,804		15,295		20,333		21,906	
Range	38,100 75,000		38,100 108,000		15,000 140,000		12,000 140,000	

**First year bonus**

	N		N		N		N	
	2		42		122		197	
Mean	13,450		8,962		9,011		10,056	
SD	12,657		7,961		9,166		12,430	
Range	4,500 22,400		1,000 28,000		100 50,000		100 100,000	

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**Participating in a Volunteer or Service Program****Program location**

	N	%	N	%	N	%	N	%
King, Pierce, Snohomish counties	0	0%	1	100%	3	38%	21	62%
Other Washington	0	0%	0	0%	2	25%	2	6%
Alaska, Idaho, Oregon	0	0%	0	0%	0	0%	1	3%
California, Hawaii	0	0%	0	0%	0	0%	0	0%
Mountain states	0	0%	0	0%	0	0%	1	3%
Central states	0	0%	0	0%	0	0%	1	3%
Eastern states	0	0%	0	0%	2	25%	4	12%
International	0	0%	0	0%	1	13%	4	12%

**Serving in the US Military****Service branch**

	N	%	N	%	N	%	N	%
Air Force	0	0%	1	50%	1	33%	2	17%
Army	0	0%	0	0%	0	0%	5	42%
Coast Guard	0	0%	0	0%	0	0%	0	0%
Marine Corps	0	0%	0	0%	0	0%	0	0%
Navy	0	0%	1	50%	2	67%	5	42%

**Status**

	N	%	N	%	N	%	N	%
Active duty	0	0%	2	100%	3	100%	8	67%
Reserve	0	0%	0	0%	0	0%	4	33%
National Guard	0	0%	0	0%	0	0%	0	0%

**Enrolled in Educational Program****Degree program**

	N	%	N	%	N	%	N	%
Certificate	0	0%	0	0%	1	1%	9	3%
Associate (AA/AS)	0	0%	0	0%	1	1%	5	2%
Bachelor (BA/BS)	0	0%	0	0%	6	6%	13	4%
Masters (MA/MS) – terminal degree	6	86%	24	71%	59	63%	139	44%
Masters (MA/MS) – leading to doctorate	0	0%	2	6%	7	8%	25	8%
Doctorate (PhD/EdD)	1	14%	6	18%	10	11%	37	12%
Professional (JD, MD, DDS, PharmD)	0	0%	2	6%	6	6%	74	23%
Other	0	0%	0	0%	0	0%	0	0%

**School location**

	N	%	N	%	N	%	N	%
King, Pierce, Snohomish counties	3	43%	20	59%	60	64%	147	47%
Other Washington	0	0%	0	0%	0	0%	8	3%
Alaska, Idaho, Oregon	0	0%	0	0%	2	2%	8	3%
California, Hawaii	2	29%	5	15%	9	10%	34	11%
Mountain states	0	0%	0	0%	2	2%	16	5%
Central states	0	0%	1	3%	1	1%	17	5%
Eastern states	1	14%	7	21%	15	16%	57	18%
International	1	14%	1	3%	5	5%	24	8%

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**All Respondents****Authorized to permanently work in the U.S.**

	N	%	N	%	N	%	N	%
Yes	18	90%	199	92%	695	93%	1897	93%
No	2	10%	17	8%	50	7%	141	7%

**Amount UW academic program ADVANCED LEARNING**

1=Not at all; 2=Somewhat; 3=Moderately; 4=Very much

	N	Mean	N	Mean	N	Mean	N	Mean
Acquiring deep knowledge in at least one field of study	18	3.4	188	3.5	651	3.4	1811	3.4
Writing effectively	18	3.1	187	2.9	652	3.0	1810	3.1
Speaking effectively about ideas, projects, and plans	18	3.4	188	3.1	650	3.2	1802	3.1
Thinking critically and analytically, defining and solving problems	17	3.5	187	3.4	650	3.4	1805	3.4
Creating something new (for example, art, a performance, an object, ideas, or processes)	17	3.0	187	3.0	647	2.9	1802	2.9
Gathering information, conducting research	17	3.4	187	3.3	649	3.3	1803	3.3
Quantitative reasoning	17	3.5	187	3.4	646	3.2	1796	3.1
Understanding and valuing diverse people and cultures	17	3.3	187	2.9	644	3.1	1797	3.2
Working and learning independently	17	3.6	187	3.4	643	3.3	1798	3.4
Working and learning in a team	17	3.5	187	3.4	645	3.4	1792	3.2
Taking on leadership roles inside or outside of the classroom	17	3.5	187	2.9	645	3.1	1797	2.9
Understanding ethical practice(s) in at least one field	17	3.3	187	3.0	645	3.2	1790	3.1
Using self-reflection and self-assessment to guide next directions	17	2.9	187	2.8	644	2.9	1788	3.0
Using specialized instruments, computer programs, or materials relevant to your field(s) of study	17	3.5	186	3.3	645	3.2	1792	3.0
Developing skills and attitudes that foster lifelong learning	17	3.6	186	3.2	646	3.2	1793	3.2
Developing career interests and habits for success in the workplace	17	3.5	186	3.1	644	3.2	1789	3.1
Understanding more about who you are	17	3.5	185	3.0	643	3.1	1791	3.1
Finding a direction you'd like to pursue	17	3.4	185	3.1	644	3.1	1794	3.1
Understanding and practicing civic engagement, social responsibility	17	2.8	186	2.6	645	2.9	1792	2.9

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**IMPORTANCE to current work and life**

1=Not at all; 2=Somewhat; 3=Moderately; 4=Very

	N	Mean	N	Mean	N	Mean	N	Mean
Acquiring deep knowledge in at least one field of study	17	3.5	172	3.5	593	3.5	1652	3.3
Writing effectively	17	3.6	173	3.3	593	3.3	1649	3.3
Speaking effectively about ideas, projects, and plans	17	3.8	170	3.6	588	3.6	1645	3.6
Thinking critically and analytically, defining and solving problems	17	3.8	169	3.7	585	3.7	1641	3.6
Creating something new (for example, art, a performance, an object, ideas, or processes)	17	3.5	168	3.2	587	3.1	1646	3.0
Gathering information, conducting research	17	3.6	167	3.4	584	3.3	1640	3.2
Quantitative reasoning	17	3.7	168	3.4	585	3.3	1636	3.2
Understanding and valuing diverse people and cultures	17	3.0	168	3.0	585	3.2	1642	3.3
Working and learning independently	17	3.6	168	3.5	584	3.5	1641	3.5
Working and learning in a team	17	3.5	168	3.6	584	3.6	1638	3.5
Taking on leadership roles inside or outside of the classroom	17	3.4	166	3.2	582	3.3	1636	3.2
Understanding ethical practice(s) in at least one field	17	3.1	167	3.1	583	3.2	1638	3.2
Using self-reflection and self-assessment to guide next directions	17	3.2	167	3.2	584	3.3	1635	3.3
Using specialized instruments, computer programs, or materials relevant to your field(s) of study	17	3.6	168	3.5	585	3.4	1637	3.2
Developing skills and attitudes that foster lifelong learning	17	3.6	168	3.4	585	3.4	1638	3.4
Developing career interests and habits for success in the workplace	17	3.8	167	3.6	585	3.5	1638	3.5
Understanding more about who you are	17	3.2	169	3.1	586	3.2	1639	3.2
Finding a direction you'd like to pursue	17	3.4	167	3.3	584	3.4	1633	3.4
Understanding and practicing civic engagement, social responsibility	17	3.2	168	3.0	585	3.1	1637	3.1

**Number of completed faculty-mentored research projects**

	N	%	N	%	N	%	N	%
None	0	0%	39	21%	254	40%	780	44%
One	6	32%	50	27%	181	28%	506	29%
Two	7	37%	65	35%	113	18%	288	16%
Three or more	6	32%	34	18%	89	14%	180	10%

**Number of completed internships**

	N	%	N	%	N	%	N	%
None	8	42%	58	31%	195	31%	792	45%
One	8	42%	79	42%	196	31%	499	28%
Two	3	16%	36	19%	157	25%	301	17%
Three or more	0	0%	15	8%	90	14%	164	9%

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**Number of completed service-learning projects**

	N	%	N	%	N	%	N	%
None	15	79%	152	82%	372	59%	1084	62%
One	1	5%	24	13%	138	22%	390	22%
Two	2	11%	4	2%	60	9%	151	9%
Three or more	1	5%	5	3%	65	10%	122	7%

**Importance to current employment**

(Participated in 1 or more projects/internships and currently employed)

1=Not at all; 2=Somewhat; 3=Moderately; 4=Very

	N	Mean	N	Mean	N	Mean	N	Mean
Faculty-sponsored research project(s)	12	3.2	102	3.1	289	2.9	651	2.9
Internship(s)	2	2.5	21	2.6	194	2.8	437	2.8
Service-learning project(s)	7	3.4	101	3.4	355	3.5	696	3.4

**Overall UW experience**

1=Poor; 2=Fair; 3=Good; 4=Excellent

	N	Mean	N	Mean	N	Mean	N	Mean
What you learned from co-curricular activities, such as study abroad, service learning, and participation in special UW programs, clubs, and organizations	16	3.3	159	2.8	563	3.0	1563	3.0
The help you received from academic advisers before you were formally admitted to your major	10	2.6	101	2.4	384	2.5	1182	2.5
The help you received from academic advisers in your academic department	18	3.2	182	3.1	624	3.1	1722	3.0
The help you received from your outside-class interactions with faculty/TAs	18	3.1	181	3.1	619	3.0	1706	3.0
Your overall learning experience at the UW	18	3.4	184	3.4	630	3.4	1736	3.3

1=Strongly Disagree; 2=Disagree; 3=Agree; 4=Strongly Agree

	N	Mean	N	Mean	N	Mean	N	Mean
Faculty and teaching assistants treated students respectfully, regardless of race, gender, ethnicity, sexuality, or country of origin.	19	3.5	183	3.6	622	3.6	1708	3.5
Students in my program treated each other respectfully, regardless of race, gender, ethnicity, sexuality, or country of origin.	19	3.5	182	3.6	621	3.5	1707	3.5
Classrooms, labs, and other campus spaces were accessible.	19	3.3	184	3.5	619	3.5	1704	3.5
If I had to make my college choice over again, I would choose to attend UW.	19	3.6	188	3.6	631	3.5	1725	3.5

### Current activity roster

#### Employed Full Time or Part time

Job title	Employing organization
Process Engineer	Microvision, Inc.
Manufacturing I Engineer	Honeywell Aerospace
M&P Engineer	The Boeing Company
Quality engineer	
materials scientist and engineer	centrotherm photovoltaics, usa
Manufacturing Engineer	Crane Aerospace & Electronics
Research Scientist	University of Washington, Bioengineering
Manufacturing Engineer	Boeing
ALT	Interac
Engineer	Toray Composites (America), Inc.
Build Champion	Boeing
Process Engineer	Linear Technology

#### Enrolled in Educational Program

Program of study	Institution
Materials Science and Engineering	University of Southern California
Materials Science and Engineering	University of California, Irvine
Electrical Engineering	Columbia University
	University of Washington
Materials Science and Engineering	University of Washington
Material science and engineering	UW
	University of British Columbia